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OAT

Reactivity: Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:48kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human OAT

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

OKT; GACR; HOGA; OATASE;

Catalog #:A6235

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:4942

Isotype: IgG

Swiss Prot:P04181

Purity: Affinity purification

For research use only.

Background:

This gene encodes the mitochondrial enzyme ornithine aminotransferase, which is a key enzyme in the pathway that converts arginine and ornithine into the major excitatory and inhibitory neurotransmitters glutamate and GABA. Mutations that result in a deficiency of this enzyme cause the autosomal recessive eye disease Gyrate Atrophy. Alternatively spliced transcript variants encoding different isoforms have been described. Related pseudogenes have been defined on the X chromosome.

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